

FORM PTO-1390  
(REV 11-2000)

U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE

ATTORNEY'S DOCKET NUMBER

**TRANSMITTAL LETTER TO THE UNITED STATES  
DESIGNATED/ELECTED OFFICE (DO/EO/US)  
CONCERNING A FILING UNDER 35 U.S.C. 371**

JMY1-252US

U.S. APPLICATION NO. (If known, see 37 CFR 1.5)

10/018,607

INTERNATIONAL APPLICATION NO.  
PCT/GB00/02305INTERNATIONAL FILING DATE  
14 June 2000 (14.06.00)PRIORITY DATE CLAIMED  
17 June 1999 (17.06.99)

**TITLE OF INVENTION**  
**GAS DIFFUSION SUBSTRATE AND ELECTRODE**

**APPLICANT(S) FOR DO/EO/US**

COOPER, Susan Joy; HARDS, Graham Alan; HOOGERS, Gregor; BALL, Sarah Caroline; and THOMPSETT, David

Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information:

1.  This is a **FIRST** submission of items concerning a filing under 35 U.S.C. 371.
2.  This is a **SECOND** or **SUBSEQUENT** submission of items concerning a filing under 35 U.S.C. 371.
3.  This is an express request to begin national examination procedures (35 U.S.C. 371(f)). The submission must include items (5), (6), (9) and (21) indicated below.
4.  The US has been elected by the expiration of 19 months from the priority date (Article 31).
5.  A copy of the International Application as filed (35 U.S.C. 371(c)(2))
  - a.  is attached hereto (required only if not communicated by the International Bureau).
  - b.  has been communicated by the International Bureau.
  - c.  is not required, as the application was filed in the United States Receiving Office (RO/US).
6.  An English language translation of the International Application as filed (35 U.S.C. 371(c)(2))
  - a.  is attached hereto.
  - b.  has been previously submitted under 35 U.S.C. 154(d)(4).
7.  Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371(c)(3))
  - a.  are attached hereto (required only if not communicated by the International Bureau).
  - b.  have been communicated by the International Bureau.
  - c.  have not been made; however, the time limit for making such amendments has NOT expired.
  - d.  have not been made and will not be made.
8.  An English language translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371(c)(3)).
9.  An oath or declaration of the inventor(s) (35 U.S.C. 371(c)(4)).
10.  An English language translation of the annexes to the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371(c)(5)).

**Items 11 to 20 below concern documents(s) or information included:**

11.  An Information Disclosure Statement under 37 U.S.C. 1.97 and 1.98.
12.  An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included.
13.  A **FIRST** preliminary amendment.
14.  A **SECOND** or **SUBSEQUENT** preliminary amendment.
15.  A substitute specification.
16.  A change of power of attorney and/or address letter.
17.  A computer readable form of the sequence listing in accordance with PCT Rule 13ter.2 and 35 U.S.C. 1.821 – 1.825.
18.  A second copy of the published international application under 35 U.S.C. 154(d)(4).
19.  A second copy of the English language translation of the international application under 35 U.S.C. 154(d)(4).
20.  Other items or information:

**Request for Extension of Time and a check in the amount of \$110.00.****Copy of Notification of Missing Requirements.**

U.S. APPLICATION NO. (If known, see 37 CFR 1.5)  
10/018,607INTERNATIONAL APPLICATION NO.  
PCT/GB00/02305ATTORNEY DOCKET NUMBER  
JMYT-252US

21.  The following fees are submitted:

**BASIC NATIONAL FEE (37 CFR 1.492(a)(1) – (5)):**

- Neither international preliminary examination fee (37 CFR 1.482) nor international search fee (37 CFR 1.445(a)(2)) paid to USPTO and International Search Report not prepared by the EPO or JPO... .... \$1040.00
- International preliminary examination fee (37 CFR 1.482) not paid to USPTO but International Search Report prepared by the EPO or JPO.... .... \$890.00
- International preliminary examination fee (37 CFR 1.482) not paid to USPTO but international search fee (37 CFR 1.445(a)(2)) paid to USPTO ..... \$740.00
- International preliminary examination fee paid to USPTO (37 CFR 1.482) but all claims did not satisfy provisions of PCT Article 33(1)-(4) ..... \$710.00
- International preliminary examination fee paid to USPTO (37 CFR 1.482) and all claims satisfied provisions of PCT Article 33(1)-(4) ..... \$100.00

CALCULATIONS PTO USE ONLY

**ENTER APPROPRIATE BASIC FEE AMOUNT =**

\$

Surcharge of \$130.00 for furnishing the oath or declaration later than  20  30 months from the earliest claimed priority date (37 CFR 1.492(e)).

\$ 130.00

CLAIMS	NUMBER FILED	EXTRA NUMBER	RATE	
Total claims	- 20 =		X \$18.00	\$
Independent claims	- 3 =		X \$84.00	\$
MULTIPLE DEPENDENT CLAIM(S) (if applicable)	<input type="checkbox"/>		+ \$280.00	\$
<b>TOTAL OF ABOVE CALCULATIONS =</b>				\$
<input type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27. The fees indicated above are reduced by ½.				\$
			<b>SUBTOTAL =</b>	\$ 130.00
Processing fee of \$130.00 for furnishing the English translation later than <input type="checkbox"/> 20 <input type="checkbox"/> 30 Months from the earliest claimed priority date (37 CFR 1.492(f)).				\$
				+
<b>TOTAL NATIONAL FEE =</b>				\$
Fee for recording the enclosed assignment (37 CFR 1.21(h)). The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31). \$40.00 per property				\$ 40.00
<b>TOTAL FEES ENCLOSED =</b>				\$ 170.00
				<b>Amount to be refunded:</b> \$
				<b>Charged:</b> \$

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01 FC:154

130.00 OP

- a.  A check in the amount of \$170.00 to cover the above fees, and a check in the amount of \$110.00 to cover the Request for Extension of Time are enclosed.
- b.  Please charge my Deposit Account No. \_\_\_ in the amount of \$\_\_\_ to cover the above fees. A duplicate copy of this sheet is enclosed.
- c.  The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. 18-0350. A duplicate copy of this sheet is enclosed.
- d.  Fees are to be charged to a credit card. **WARNING:** Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.

**NOTE: Where an appropriate time limit under 37 CFR 1.494 or 1.495 has not been met, a petition to revive (37 CFR 1.137(a) or (b)) must be filed and granted to restore the application to pending status.**

SEND ALL CORRESPONDENCE TO:

Christopher R. Lewis

RatnerPrestia

Suite 301

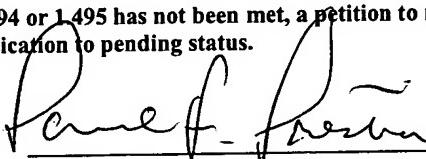
One Westlakes, Berwyn

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Valley Forge, PA 19482-0980

Phone: (610) 407-0700

Facsimile: (610) 407-0701



SIGNATURE

Paul F. Prestia

NAME

23.031

REGISTRATION NUMBER

July 24, 2002

DATE

**CERTIFICATE OF MAILING BY "EXPRESS MAIL" (37 CFR 1.10)**

Applicant(s): Susan Joy Cooper et al.

Docket No.

JMYT-252US

Serial No.  
10/018,607Filing Date  
Herewith

Examiner

Group Art Unit

Invention: GAS DIFFUSION SUBSTRATE AND ELECTRODE

I hereby certify that the following correspondence:

Response to Notification of Missing Requirements (including Form PTO-1390 and all of the documents listed therein)

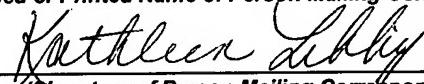
(Identify type of correspondence)

Is being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 CFR 1.10 in an envelope addressed to:

The Assistant Commissioner for Patents, Washington, D.C. 20231 on July 24, 2002

Kathleen Libby

(Typed or Printed Name of Person Mailing Correspondence)



(Signature of Person Mailing Correspondence)

EV 108523575US

("Express Mail" Mailing Label Number)

Note: Each paper must have its own certificate of mailing.